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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Technically
Speaking

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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

RABBIT COMPLEMENT - MA

For use with monoclonal antibodies to human lymphocytes

CL3221

CL3225

DESCRIPTION:

Cedarlane Rabbit Complement-MA is intended for use as a source of complement in procedures utilizing monoclonal antibodies to human lymphocytes.*

PRESENTATION:

CL3221: 10 x 1 ml, lyophilized

CL3225: 5 x 5 ml, lyophilized

STORAGE: Store at -20°C before reconstitution.

After reconstitution, store at 4°C for a maximum of one hour.

RECONSTITUTION:

Reconstitute with 1 ml or 5 ml of ice cold distilled water. Make certain that all the lyophilized material is dissolved. Use within one hour after reconstitution, keeping on ice if there is any time lapse between reconstitution and use. Storage of the reconstituted serum for longer periods at 4°C, or freezing and thawing of the reconstituted material will result in reduced potency.

NOTE: This material will appear cloudy after reconstitution as a result of the lyophilization process. This does not affect potency.

STERILITY:

This reagent is not sold as sterile but can be sterilized by filtration if necessary. It is preferable to dilute the complement to a final working concentration before filtration in order to minimize loss of volume.

TESTING: This Rabbit Complement has been tested in a Lymphocytotoxicity assay utilizing CLHLA-01AP monoclonal antibody and human peripheral blood lymphocytes. It was found to be a potent source of complement and to be devoid of non-specific lymphocytotoxins in this system.

Continued Overleaf.....

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registered company.

In CANADA: Toll Free: 1-800-268-5058

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644

1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

Recommended Procedure for use with Monoclonal Antibodies to Human Lymphocytes.*

1. Isolate peripheral blood lymphocytes by usual procedures (density centrifugation).
2. Adjust cell concentration to $1-2 \times 10^6$ cells/ml in culture medium.
3. Add the monoclonal antibody to the appropriate dilution and incubate for one hour at 4°C.
4. Centrifuge the cells and resuspend to the original cell concentration in fresh media.
5. Add Cedarlane Rabbit Complement-MA to a pre-determined final concentration (a range of 1:1.5- 1:4 works best).
6. Incubate for 60 minutes at 37°C
7. Stain with 5% (w/v) eosin and score live versus dead cells.

CLHLA-01AP is a product of Cedarlane. This monoclonal antibody (IgG2a) reacts with human HLA-ABC.

Note:

Also available from Cedarlane are the following rabbit complement products:

Low-Tox®-H Rabbit complement for HLA-DR typing and use with human B-lymphocytes:

CL3331	10x1 ml, lyophilized
CL3335	2x5 ml, lyophilized
CL3305	5x5 ml, frozen
CL3310	100 ml, frozen
Standard Rabbit Complement for HLA-ABC typing:	
CL3111	25x1 ml, lyophilized
CL3115	5x5 ml, lyophilized
CL3120	5x20 ml, lyophilized
CL3005	5x5 ml, frozen
CL3010	100 ml, frozen
CL3050	500 ml, frozen

FOR LABORATORY RESEARCH ONLY

*N.B. Not all monoclonal antibodies to human lymphocytes are cytotoxic in complement dependent assays. Only those monoclonal antibodies that **fix complement** can be used in these procedures.

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